In the Claims:

Please cancel withdrawn claims 25-26. Please cancel claims 27 and 30. Please amend claims 1, 11, 29, and 32. The claims are as follows.

1. (Currently amended) A data communication method that compensates for disadvantageous characteristics of a first protocol that is used to communicate data between a client application and a server application, wherein the client application and the server application employ a second protocol that is mapped onto the first protocol, said method comprising the acts of:

intercepting, by a client interceptor acting on behalf of a server application, a secondprotocol data communication request from a client application;

mapping, by the client interceptor, the second-protocol data communication request onto the first protocol;

sending the communication request to a server interceptor using the first protocol;

compensating a disadvantageous characteristic of the first protocol, said compensating

comprising ascertaining that a condition exists and climinating the condition in response to said

ascertaining, said condition being a connection condition or a transmission capacity condition;

mapping, by the server interceptor, the communication request back onto the second protocol to recreate substantially the second-protocol data communication request; and delivering the second-protocol data communication request to the server application; and after said intercepting the communication request and before said sending the communication request to the server; adding, by the client interceptor, a client connection identifier to the communication request.

- 2. (Previously presented) The method of claim 1, wherein the ascertaining comprises determining loss of a connection, and wherein the climinating comprises re-establishing the connection.
- 3. (Previously presented) The method of claim 1, wherein the ascertaining comprises detecting that a connection is idle, and wherein the eliminating comprises dropping the connection and reestablishing the connection when a new communication request is intercepted.
- 4. (Previously presented) The method of claim 1, wherein the ascertaining comprises determining that transmission capacity is insufficient to process the data communication request within a predetermined interval of time, and wherein the eliminating comprises establishing a parallel connection to increase transmission capacity.
- 5. (Original) The method of claim 1, wherein the second protocol is connection oriented, and wherein the client interceptor and the server interceptor intercept a plurality of connections between the client application and the client interceptor using the second protocol, and between the server interceptor and the server application using the second protocol.
- 6. (Original) The method of claim 5, wherein the plurality of connections using the second protocol are multiplexed onto a single connection of the first protocol.
- 7. (Original) The method of claim 1, wherein the first protocol is a wireless communication protocol.

- 8. (Previously presented) The method of claim 1, further comprising the act of opening, by the client interceptor, a connection to the server interceptor using the first protocol following the act of intercepting the second-protocol data communication request.
- 9. (Previously presented) The method of claim1, further comprising the acts of:

opening, by the client interceptor, a connection to the server interceptor using the first protocol following the act of intercepting the second-protocol data communication request; and receiving, by the client interceptor, an identification of the server application; and forwarding the identification to an address-resolution server for first-protocol address resolution.

10, (Canceled)

11. (Currently amended) A data communication system that compensates for disadvantageous characteristics of a first protocol that is used to communicate data between a client application and a server application, wherein the client application and the server application employ a second protocol that is mapped onto the first protocol, said system comprising:

a client interceptor acting on behalf of the server application, said client interceptor adapted to intercept a second-protocol data communication request from the client application, said client interceptor further adapted to map the second-protocol data communication request onto the first protocol;

a server interceptor adapted to map the communication request back onto the second

protocol to recreate substantially the second-protocol data communication request;

means for sending the second-protocol data communication request to the server interceptor using the first protocol;

means for compensating a disadvantageous characteristic of the first protocol, said compensating comprising ascertaining that a condition exists and eliminating the condition in response to said ascertaining, said condition being a connection condition or a transmission capacity condition; and

means for delivering the second-protocol data communication request to the server application; and

means for adding, by the client interceptor, a client connection identifier to the communication request.

- 12. (Previously presented) The system of claim 11, wherein the ascertaining comprises determining loss of a connection, and wherein the eliminating comprises re-establishing the connection.
- 13. (Previously presented) The system of claim 11, wherein the ascertaining comprises detecting that a connection is idle, and wherein the climinating comprises dropping the connection, and reestablishing the connection when a new communication request is intercepted.
- 14. (Previously presented) The system of claim 11, wherein the ascertaining comprises the acts of determining that transmission capacity is insufficient to process the data communication request

within a predetermined interval of time, and wherein the climinating comprises establishing a parallel connection to increase transmission capacity.

- 15. (Previously presented) The system of claim 11, wherein the second protocol is connection oriented, and wherein the client interceptor and the server interceptor are adapted to intercept a plurality of connections between the client application and the client interceptor using the second protocol, and between the server interceptor and the server application using the second protocol.
- 16. (Previously presented) The system of claim 15, wherein the plurality of connections using the second protocol are multiplexed onto a single connection of the first protocol.
- 17. (Previously presented) The system of claim 11, wherein the first protocol is a wireless communication protocol.
- 18. (Previously presented) The system of claim 11, further comprising:

means for opening, by the client interceptor, a connection to the server interceptor using the first protocol following intercepting the second-protocol data communication request.

- 19. (Previously presented) The system of claim 18, further comprising:
- means for receiving, by the client interceptor, an identification of the server application; and

means for forwarding the identification to an address-resolution server for first-protocol

address resolution.

20-24. (Canceled)

25-26. (Canceled)

27, (Canceled)

28. (Previously presented) The method of claim 1, wherein said compensating further comprises closing idle connections to reduce costs.

29. (Currently amended) The method of claim 1, A data communication method that compensates for disadvantageous characteristics of a first protocol that is used to communicate data between a client application and a server application, wherein the client application and the server application employ a second protocol that is mapped onto the first protocol, said method comprising the acts of:

intercepting, by a client interceptor acting on behalf of a server application, a secondprotocol data communication request from a client application;

mapping, by the client interceptor, the second-protocol data communication request onto the first protocol;

sending the communication request to a server interceptor using the first protocol; compensating a disadvantageous characteristic of the first protocol, said compensating

comprising ascertaining that a condition exists and eliminating the condition in response to said ascertaining, said condition being a connection condition or a transmission capacity condition;

mapping, by the server interceptor, the communication request back onto the second protocol to recreate substantially the second-protocol data communication request; and delivering the second-protocol data communication request to the server application,

wherein the client application resides on a computing device, wherein the computing device comprises a communication platform client that includes a session layer, a reliability layer, and a network layer, and wherein in response to the network layer attempting to send data with no physical connection in place for sending the data said method comprises; repeatedly attempting to set up a new physical connection until either the new physical connection is set up or until a logical connection is closed by the session layer in response to the reliability layer having detected a session timeout.

30. (Canceled)

- 31. (Previously presented) The system of claim 11, wherein said means for compensating further comprises means for closing idle connections to reduce costs.
- 32. (Currently amended) The system of claim 11; A data communication system that compensates for disadvantageous characteristics of a first protocol that is used to communicate data between a client application and a server application, wherein the client application and the server application employ a second protocol that is mapped onto the first protocol, said system

comprising:

a client interceptor acting on behalf of the server application, said client interceptor adapted to intercept a second-protocol data communication request from the client application, said client interceptor further adapted to map the second-protocol data communication request onto the first protocol;

a server interceptor adapted to map the communication request back onto the second protocol to recreate substantially the second-protocol data communication request:

means for sending the second-protocol data communication request to the server interceptor using the first protocol:

means for compensating a disadvantageous characteristic of the first protocol, said compensating comprising ascertaining that a condition exists and eliminating the condition in response to said ascertaining, said condition being a connection condition or a transmission capacity condition; and

means for delivering the second-protocol data communication request to the server application,

wherein the client application rosides on a computing device, wherein the computing device comprises a communication platform client that includes a session layer, a reliability layer, and a network layer, wherein in response to the network layer attempting to send data with no physical connection in place for sending the data said system comprises: means for repeatedly attempting to set up a new physical connection until either the new physical connection is set up or until a logical connection is closed by the session layer in response to the reliability layer having detected a session timeout.